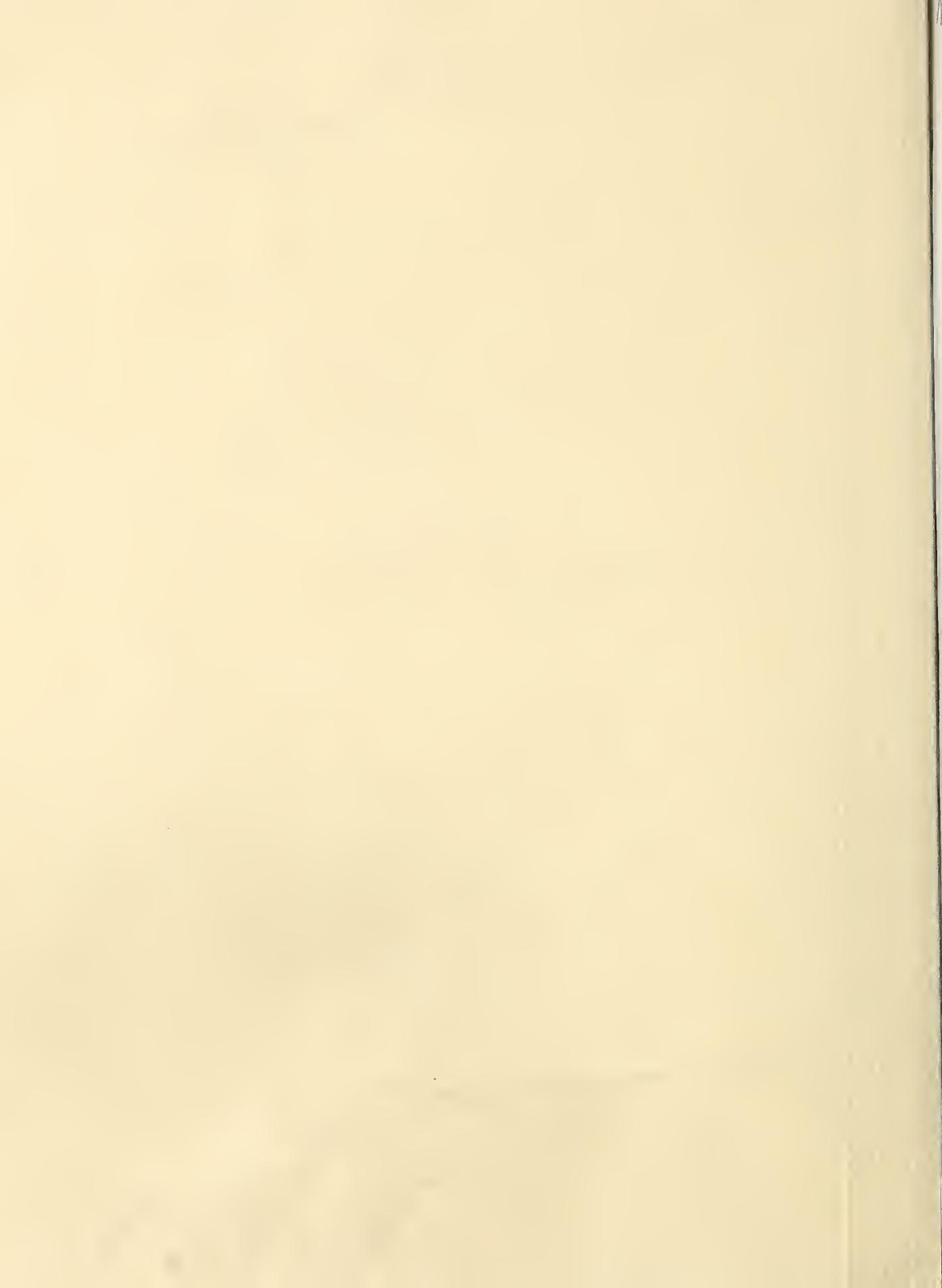


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U. S. DEPARTMENT OF AGRICULTURE

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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE

Tables on Hatchery and Flock Participation in the  
National Poultry Improvement Plan  
by States and Divisions, 1956-57 and 1957-58  
and U.S. Summary, 1952-53 to date



Table 1 - Hatchery Participation in the National Poultry Improvement Plan,  
by States and Divisions, 1956-57 and 1957-58

| State and Division        | 1956-57      |                    | 1957-58      |                    |
|---------------------------|--------------|--------------------|--------------|--------------------|
|                           | Number       | Egg Capacity       | Number       | Egg Capacity       |
| Maine                     | 28           | 5,941,720          | 28           | 6,440,220          |
| New Hampshire             | 34           | 3,972,300          | 24           | 4,449,300          |
| Vermont                   | 12           | 274,800            | 9            | 209,600            |
| Massachusetts             | 81           | 5,246,084          | 60           | 4,656,368          |
| Rhode Island              | 9            | 330,256            | 6            | 298,936            |
| Connecticut               | 87           | 8,650,370          | 77           | 8,020,825          |
| New York                  | 67           | 4,496,110          | 49           | 5,111,920          |
| New Jersey                | 72           | 11,452,610         | 68           | 11,687,950         |
| Pennsylvania              | 86           | 12,792,918         | 84           | 13,385,204         |
| <b>NORTH ATLANTIC</b>     | <b>476</b>   | <b>53,157,168</b>  | <b>405</b>   | <b>54,260,323</b>  |
| Ohio                      | 155          | 16,571,940         | 135          | 14,876,112         |
| Indiana                   | 212          | 27,841,000         | 194          | 26,233,000         |
| Illinois                  | 177          | 25,009,170         | 160          | 22,402,815         |
| Michigan                  | 84           | 7,238,806          | 65           | 5,745,522          |
| Wisconsin                 | 48           | 4,540,520          | 50           | 4,827,760          |
| <b>EAST NORTH CENTRAL</b> | <b>676</b>   | <b>81,201,436</b>  | <b>604</b>   | <b>74,085,209</b>  |
| Minnesota                 | 192          | 21,049,800         | 210          | 23,573,762         |
| Iowa                      | 113          | 14,689,240         | 112          | 14,453,240         |
| Missouri                  | 149          | 24,013,616         | 132          | 22,991,336         |
| North Dakota              | 35           | 2,535,294          | 32           | 2,233,548          |
| South Dakota              | 49           | 4,839,340          | 49           | 4,729,600          |
| Nebraska                  | 68           | 7,266,101          | 59           | 6,272,201          |
| Kansas                    | 110          | 8,320,550          | 83           | 6,465,180          |
| <b>WEST NORTH CENTRAL</b> | <b>716</b>   | <b>82,713,941</b>  | <b>677</b>   | <b>80,718,867</b>  |
| Delaware                  | 19           | 10,011,500         | 19           | 10,165,500         |
| Maryland                  | 48           | 12,939,360         | 44           | 13,197,760         |
| Virginia                  | 68           | 12,914,070         | 67           | 13,767,575         |
| West Virginia             | 24           | 2,530,236          | 19           | 2,110,716          |
| North Carolina            | 137          | 15,840,008         | 136          | 17,508,624         |
| South Carolina            | 32           | 2,213,296          | 25           | 3,012,800          |
| Georgia                   | 128          | 29,051,159         | 143          | 33,857,454         |
| Florida                   | 53           | 5,793,160          | 44           | 5,126,735          |
| <b>SOUTH ATLANTIC</b>     | <b>509</b>   | <b>91,292,789</b>  | <b>497</b>   | <b>98,747,164</b>  |
| Kentucky                  | 70           | 5,062,340          | 60           | 4,906,684          |
| Tennessee                 | 43           | 4,026,236          | 38           | 4,624,080          |
| Alabama                   | 74           | 11,437,293         | 71           | 13,763,781         |
| Mississippi               | 65           | 9,255,820          | 54           | 11,849,344         |
| Arkansas                  | 49           | 11,667,060         | 56           | 13,312,130         |
| Louisiana                 | 21           | 1,656,280          | 15           | 1,507,720          |
| Oklahoma                  | 41           | 4,674,488          | 35           | 4,644,180          |
| Texas                     | 41           | 6,047,840          | 31           | 5,628,920          |
| <b>SOUTH CENTRAL</b>      | <b>404</b>   | <b>53,827,357</b>  | <b>360</b>   | <b>60,236,839</b>  |
| Montana                   | 14           | 1,053,160          | 14           | 1,112,420          |
| Idaho                     | 26           | 1,367,752          | 25           | 1,323,152          |
| Wyoming                   | 3            | 113,000            | 2            | 95,000             |
| Colorado                  | 13           | 1,590,500          | 11           | 1,508,500          |
| New Mexico                | 2            | 82,000             | 2            | 82,000             |
| Arizona                   | 6            | 355,000            | 7            | 460,000            |
| Utah                      | 13           | 1,087,780          | 11           | 1,011,780          |
| Washington                | 37           | 3,885,720          | 33           | 4,165,470          |
| Oregon                    | 45           | 3,139,920          | 38           | 3,032,100          |
| California                | 51           | 8,938,193          | 40           | 7,812,630          |
| <b>WESTERN</b>            | <b>210</b>   | <b>21,613,025</b>  | <b>183</b>   | <b>20,603,052</b>  |
| <b>UNITED STATES</b>      | <b>2,991</b> | <b>383,805,716</b> | <b>2,726</b> | <b>388,651,454</b> |

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Information in this report was compiled by the Animal Husbandry Research Division,  
Agricultural Research Service.

Table 2 - Flock Participation in the National Poultry Improvement Plan,  
by States and Divisions, 1956-57 and 1957-58

| State and Division        | 1956-57       |                   |                      | 1957-58       |                   |                      |
|---------------------------|---------------|-------------------|----------------------|---------------|-------------------|----------------------|
|                           | Flocks        | Birds             | Avg. birds per flock | Flocks        | Birds             | Avg. Birds per flock |
| Maine                     | 860           | 1,987,319         | 2,311                | 941           | 2,048,807         | 2,177                |
| New Hampshire             | 231           | 1,169,317         | 5,062                | 180           | 906,120           | 5,034                |
| Vermont                   | 112           | 231,047           | 2,063                | 172           | 207,049           | 1,204                |
| Massachusetts             | 268           | 779,549           | 2,909                | 244           | 781,722           | 3,204                |
| Rhode Island              | 27            | 32,777            | 1,214                | 32            | 46,429            | 1,451                |
| Connecticut               | 164           | 845,509           | 5,155                | 148           | 746,541           | 5,044                |
| New York                  | 268           | 458,163           | 1,710                | 145           | 525,097           | 3,621                |
| New Jersey                | 366           | 862,845           | 2,358                | 277           | 774,155           | 2,795                |
| Pennsylvania              | 1,329         | 1,474,038         | 1,109                | 1,448         | 1,457,902         | 1,007                |
| <b>NORTH ATLANTIC</b>     | <b>3,625</b>  | <b>7,840,564</b>  | <b>2,163</b>         | <b>3,587</b>  | <b>7,493,822</b>  | <b>2,089</b>         |
| Ohio                      | 4,168         | 1,402,726         | 337                  | 2,958         | 1,113,900         | 377                  |
| Indiana                   | 8,942         | 3,047,348         | 341                  | 6,317         | 2,458,207         | 389                  |
| Illinois                  | 6,157         | 1,781,462         | 289                  | 4,586         | 1,541,543         | 336                  |
| Michigan                  | 1,124         | 608,304           | 541                  | 762           | 431,618           | 566                  |
| Wisconsin                 | 955           | 421,028           | 441                  | 918           | 443,557           | 483                  |
| <b>EAST NORTH CENTRAL</b> | <b>21,346</b> | <b>7,260,868</b>  | <b>340</b>           | <b>15,541</b> | <b>5,988,825</b>  | <b>385</b>           |
| Minnesota                 | 3,177         | 1,665,853         | 524                  | 2,908         | 1,742,068         | 599                  |
| Iowa                      | 4,769         | 1,717,423         | 360                  | 3,916         | 1,569,792         | 401                  |
| Missouri                  | 9,407         | 2,632,537         | 280                  | 6,394         | 1,816,315         | 284                  |
| North Dakota              | 660           | 167,204           | 253                  | 550           | 142,247           | 259                  |
| South Dakota              | 810           | 277,234           | 342                  | 711           | 256,080           | 360                  |
| Nebraska                  | 2,430         | 769,078           | 316                  | 1,259         | 447,606           | 356                  |
| Kansas                    | 2,003         | 581,331           | 290                  | 1,436         | 446,742           | 311                  |
| <b>WEST NORTH CENTRAL</b> | <b>23,256</b> | <b>7,810,660</b>  | <b>336</b>           | <b>17,174</b> | <b>6,420,850</b>  | <b>374</b>           |
| Delaware                  | 341           | 494,642           | 1,451                | 280           | 455,040           | 1,625                |
| Maryland                  | 970           | 532,322           | 549                  | 668           | 371,613           | 556                  |
| Virginia                  | 1,871         | 1,328,748         | 710                  | 1,331         | 1,141,808         | 858                  |
| West Virginia             | 843           | 227,028           | 269                  | 707           | 179,426           | 254                  |
| North Carolina            | 3,112         | 2,875,977         | 924                  | 2,603         | 2,857,735         | 1,098                |
| South Carolina            | 286           | 301,267           | 1,053                | 296           | 354,725           | 1,198                |
| Georgia                   | 1,240         | 3,134,493         | 2,528                | 1,217         | 3,591,099         | 2,951                |
| Florida                   | 133           | 310,293           | 2,333                | 114           | 319,400           | 2,802                |
| <b>SOUTH ATLANTIC</b>     | <b>8,796</b>  | <b>9,204,770</b>  | <b>1,046</b>         | <b>7,216</b>  | <b>9,270,846</b>  | <b>1,285</b>         |
| Kentucky                  | 2,855         | 597,790           | 209                  | 1,913         | 455,126           | 238                  |
| Tennessee                 | 1,106         | 430,817           | 390                  | 742           | 383,038           | 516                  |
| Alabama                   | 701           | 1,051,757         | 1,500                | 558           | 1,181,037         | 2,117                |
| Mississippi               | 396           | 637,583           | 1,610                | 420           | 786,835           | 1,873                |
| Arkansas                  | 1,453         | 1,019,337         | 702                  | 1,147         | 983,325           | 857                  |
| Louisiana                 | 352           | 513,159           | 1,458                | 222           | 355,269           | 1,600                |
| Oklahoma                  | 1,134         | 270,328           | 238                  | 870           | 225,868           | 260                  |
| Texas                     | 448           | 498,011           | 1,112                | 387           | 559,828           | 1,447                |
| <b>SOUTH CENTRAL</b>      | <b>8,445</b>  | <b>5,018,782</b>  | <b>594</b>           | <b>6,259</b>  | <b>4,930,326</b>  | <b>788</b>           |
| Montana                   | 167           | 65,114            | 390                  | 146           | 69,496            | 476                  |
| Idaho                     | 151           | 86,108            | 570                  | 133           | 74,417            | 560                  |
| Wyoming                   | 16            | 2,768             | 173                  | 17            | 2,857             | 168                  |
| Colorado                  | 298           | 83,596            | 281                  | 211           | 78,503            | 372                  |
| New Mexico                | 12            | 2,964             | 247                  | 5             | 2,180             | 436                  |
| Arizona                   | 25            | 24,271            | 971                  | 17            | 25,518            | 1,501                |
| Utah                      | 71            | 84,875            | 1,195                | 63            | 84,151            | 1,335                |
| Washington                | 336           | 502,790           | 1,496                | 282           | 492,075           | 1,745                |
| Oregon                    | 707           | 523,545           | 741                  | 452           | 450,585           | 997                  |
| California                | 206           | 659,711           | 3,202                | 104           | 495,349           | 4,763                |
| <b>WESTERN</b>            | <b>1,989</b>  | <b>2,035,742</b>  | <b>1,024</b>         | <b>1,430</b>  | <b>1,775,131</b>  | <b>1,241</b>         |
| <b>UNITED STATES</b>      | <b>67,457</b> | <b>39,171,386</b> | <b>581</b>           | <b>51,207</b> | <b>35,879,800</b> | <b>701</b>           |

Table 3 - Summary of Hatchery Participation in the National Poultry Improvement Plan,  
1952-53 to 1957-58, inclusive

|   |                     | 1952-53                       | 1953-54                       | 1954-55*                         | 1955-56*                         | 1956-57*                        | 1957-58*                        |
|---|---------------------|-------------------------------|-------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| Number Hatcheries                               |                     | 4,103                         | 3,722                         | 3,443                            | 3,157                            | 2,991                           | 2,726                           |
| Hatching Egg Capacity                           |                     | 380,530,919                   | 364,518,975                   | 369,232,160                      | 369,239,267                      | 383,805,716                     | 388,651,454                     |
| Percent Increase<br>or Decrease                 | No.<br>Cap.         | -6.52<br>-2.36                | -9.29<br>-4.21                | -7.50<br>+1.29                   | -8.31<br>+0.002                  | -5.26<br>+3.94                  | -8.85<br>+1.3                   |
| A. M. S. Hatchery<br>Estimate                   | No.<br>Cap.         | 6,890<br>562,237,000          |                               |                                  |                                  | 5,031<br>525,970,000            |                                 |
| Percent of A. M. S.<br>Estimate Participating   | No.<br>Cap.         | 59.6<br>67.7                  |                               |                                  |                                  | 59.5<br>73.0                    |                                 |
| U. S.<br>Approved                               | No.<br>Cap.<br>Per. | 3,374<br>335,293,976<br>88.11 | 3,073<br>320,494,858<br>87.92 |                                  |                                  |                                 |                                 |
| U. S.<br>Certified                              | No.<br>Cap.<br>Per. | 309<br>16,438,830<br>4.32     | 306<br>17,201,969<br>4.72     | 1/ 3,117<br>340,144,729<br>92.12 | 1/ 2,886<br>343,661,163<br>93.07 | 1/ 2,702<br>353,920,728<br>92.2 | 1/ 2,451<br>355,969,094<br>91.6 |
| Pullorum Classes<br>Only (no breeding<br>stage) | No.<br>Cap.<br>Per. | 420<br>28,798,113<br>7.57     | 343<br>26,822,148<br>7.36     | 2/ 326<br>29,087,431<br>7.88     | 2/ 271<br>25,578,104<br>6.93     | 2/ 289<br>29,884,988<br>7.8     | 2/ 275<br>32,682,360<br>8.4     |
| U. S.<br>Pullorum-<br>Controlled                | No.<br>Cap.<br>Per. | 478<br>40,248,907<br>10.58    | 251<br>17,777,950<br>4.88     |                                  |                                  |                                 |                                 |
| U. S.<br>Pullorum-Typhoid<br>Passed             | No.<br>Cap.<br>Per. | 1,553<br>162,832,455<br>42.79 | 1,311<br>142,913,298<br>39.20 | 3/ 1,060<br>109,454,970<br>29.64 | 3/ 639<br>67,668,265<br>18.33    | 3/ 401<br>51,145,814<br>13.3    | 3/ 294<br>41,533,422<br>10.7    |
| U. S.<br>Pullorum-Typhoid<br>Clean              | No.<br>Cap.<br>Per. | 2,072<br>177,449,557<br>46.63 | 2,160<br>203,827,727<br>55.92 | 4/ 2,383<br>259,777,190<br>70.36 | 4/ 2,518<br>301,571,002<br>81.67 | 4/ 2,590<br>332,659,902<br>86.7 | 4/ 2,432<br>347,118,032<br>89.3 |

\*Data for these years are based on the classification of chicks produced rather than hatchery classification.

1/ Produced U.S. Approved and/or U.S. Certified chicks. 3/ Produced U.S. Pullorum-Typhoid Passed chicks.  
2/ Produced no U.S. Approved or U.S. Certified chicks. 4/ Produced U.S. Pullorum-Typhoid Clean chicks.

Table 4 - Summary of Flock Participation in the National Poultry Improvement Plan,  
1952-53 to 1957-58, inclusive

|   |   | 1952-53                               | 1953-54                               | 1954-55                               | 1955-56                               | 1956-57                                | 1957-58                               |
|---|---|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|---------------------------------------|
| Number Flocks                                   |   | 84,238                                | 83,862                                | 79,631                                | 68,811                                | 67,457                                 | 51,207                                |
| Number Birds                                    |   | 33,834,794                            | 36,027,365                            | 37,053,120                            | 34,850,004                            | 39,171,386                             | 35,879,800                            |
| Percent Increase<br>or Decrease                 | Flocks<br>Birds                                       | -12.33<br>-9.71                       | -45<br>+6.48                          | -5.05<br>+2.85                        | -13.59<br>-5.95                       | -1.97<br>+12.4                         | -24.1<br>-8.4                         |
| Avg. No. Birds per Flock                        |   | 402                                   | 430                                   | 465                                   | 506                                   | 581                                    | 701                                   |
| U. S.<br>Approved                               | Flocks<br>Birds<br>Per.                               | 78,144<br>28,890,778<br>85.39         | 77,956<br>31,099,528<br>86.32         | 72,751<br>31,658,639<br>85.44         | 63,621<br>29,898,127<br>85.79         | 63,905<br>34,655,745<br>88.47          | 48,335<br>31,169,722<br>87.0          |
| U. S.<br>Certified                              | Flocks<br>Birds<br>Per.                               | 4,186<br>2,392,107<br>7.07            | 4,116<br>2,175,954<br>6.04            | 5,161<br>2,527,017<br>6.82            | 3,638<br>1,854,056<br>5.32            | 2,483<br>1,280,651<br>3.27             | 1,213<br>1,004,485<br>3.0             |
| Pullorum Classes<br>Only (no breeding<br>stage) | Flocks<br>Birds<br>Per.                               | 1,908<br>2,551,909<br>7.54            | 1,790<br>2,751,883<br>7.64            | 1,719<br>2,867,464<br>7.74            | 1,552<br>3,097,821<br>8.89            | 1,069<br>3,234,990<br>8.26             | 1,659<br>3,705,593<br>10.0            |
| U. S.<br>Pullorum-<br>Controlled                | Flocks<br>Birds<br>Per.                               | 5,674<br>1,719,880<br>5.08            | 2,945<br>924,255<br>2.57              |                                       |                                       |  |                                       |
| U. S.<br>Pullorum-Typhoid<br>Passed             | Flocks<br>Birds<br>Per.                               | 43,941<br>12,386,221<br>36.61         | 36,721<br>10,848,992<br>30.11         | 23,002<br>7,247,772<br>19.56          | 10,155<br>3,576,303<br>10.26          | 4,755<br>1,816,697<br>4.64             | 3,208<br>1,713,392<br>5.0             |
| U. S.<br>Pullorum-Typhoid<br>Clean              | Flocks<br>Birds<br>Per.                               | 34,623<br>19,728,693<br>58.31         | 44,196<br>24,254,118<br>67.32         | 56,629<br>29,805,348<br>80.44         | 58,656<br>31,273,701<br>89.74         | 62,702<br>37,354,689<br>95.36          | 47,999<br>34,166,408<br>95.0          |
| FIRST<br>TEST                                   | No. Flocks<br>No. Birds<br>No. Reactors<br>% Reactors | 86,300<br>35,654,526<br>81,109<br>.23 | 85,644<br>37,766,375<br>88,918<br>.24 | 81,444<br>39,288,860<br>40,316<br>.10 | 70,468<br>36,112,781<br>25,529<br>.07 | 67,941<br>40,614,440<br>18,369<br>.045 | 52,516<br>36,756,760<br>11,423<br>.03 |